DREAM IT. PLAN IT. BE IT.
NCcareers.org

Let's Go Exploring with NCcareers.org

NCWorks Partnership Conference

October 13, 2022

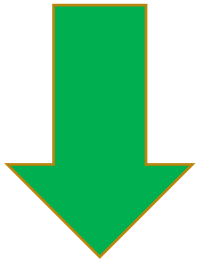
NCcareers.org DREAM IT. PLAN IT. BE IT.

NC DEPARTMENT of COMMERCE
LABOR & ECONOMIC ANALYSIS

NC's primary source of economic & labor market data, information, & analysis

Main Functions:

1. Produce Labor Market Data
2. Disseminate Information & Data Tools
3. Conduct Big Data Analytics
4. Analyze & Interpret Data/Information



Help NC Make Informed Economic Decisions

Who is NCcareers?

Partnership of Education & Workforce Development Agencies

Governance Committee

Advisory Board

Why create NCcareers?

- Multiple sources for Career Information
  - Much time spent bouncing between sources
  - Expense
- Alignment of education and occupations
- Provide equal access

Career Exploring and Planning

… a series of steps to help clarify and determine short- and long-term career goals.

Reasons to Explore & Plan	Excuses not to Explore & Plan
• Provides flexibility, motivation and accountability. • Prepare to take advantage of an opportunity. • Understand Options. • Something to refer to when a setback occurs.	• I don't have time. • I know what I want to do. • That's for students? I am in the workforce! • I want to be able to take advantage of any opportunities that arise. • I don't know how.

NCcareers.org

Find My Interests | Explore Occupations | Plan My Career | Education & Training | Job Search

Sign In

Reach for the stars!

Discover the latest data on nearly 800 occupations

Copyright © 2020 - 2021. All rights reserved.

Governance Committee

Advisory Board

NC DREAM IT PLAN IT BE IT careers.org

“I don’t know what I want to do!”

NCcareers.org DREAM IT PLAN IT BE IT

Match lifestyle with income needs

Which Career Clusters match activities, interests and academic

What skills are your strongest

Are you ready to “Be Your Own Boss”

Identify Holland Codes

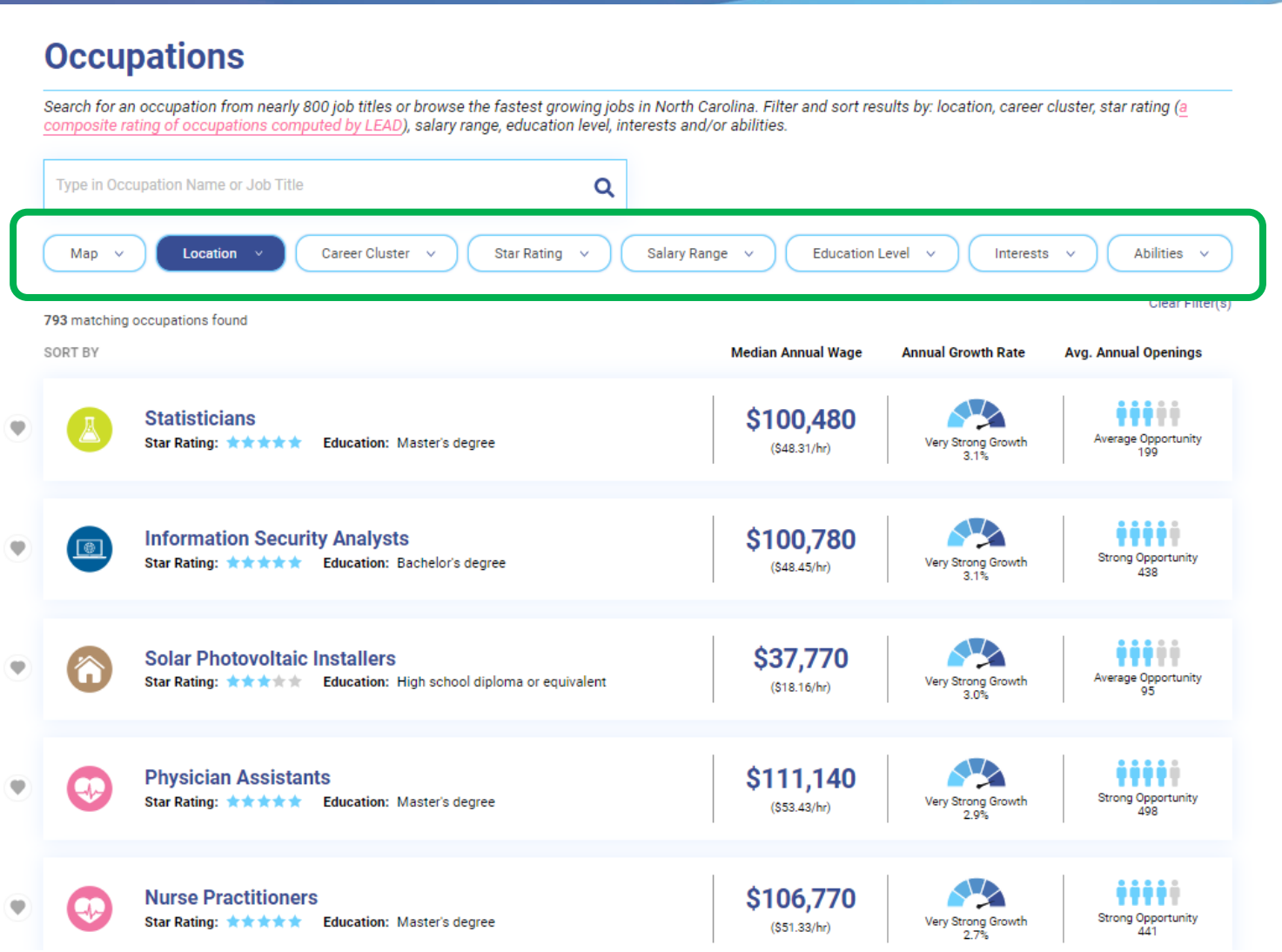
What do you truly value in a job

NC DREAM IT PLAN IT BE IT careers.org

“I want to learn more about an occupation(s)”

Explore Occupations

- 793 Occupations
- Sort by
  - Geography
  - Wage
  - Star Rating
  - Education Level
  - Interests
  - Abilities



Occupation Profile

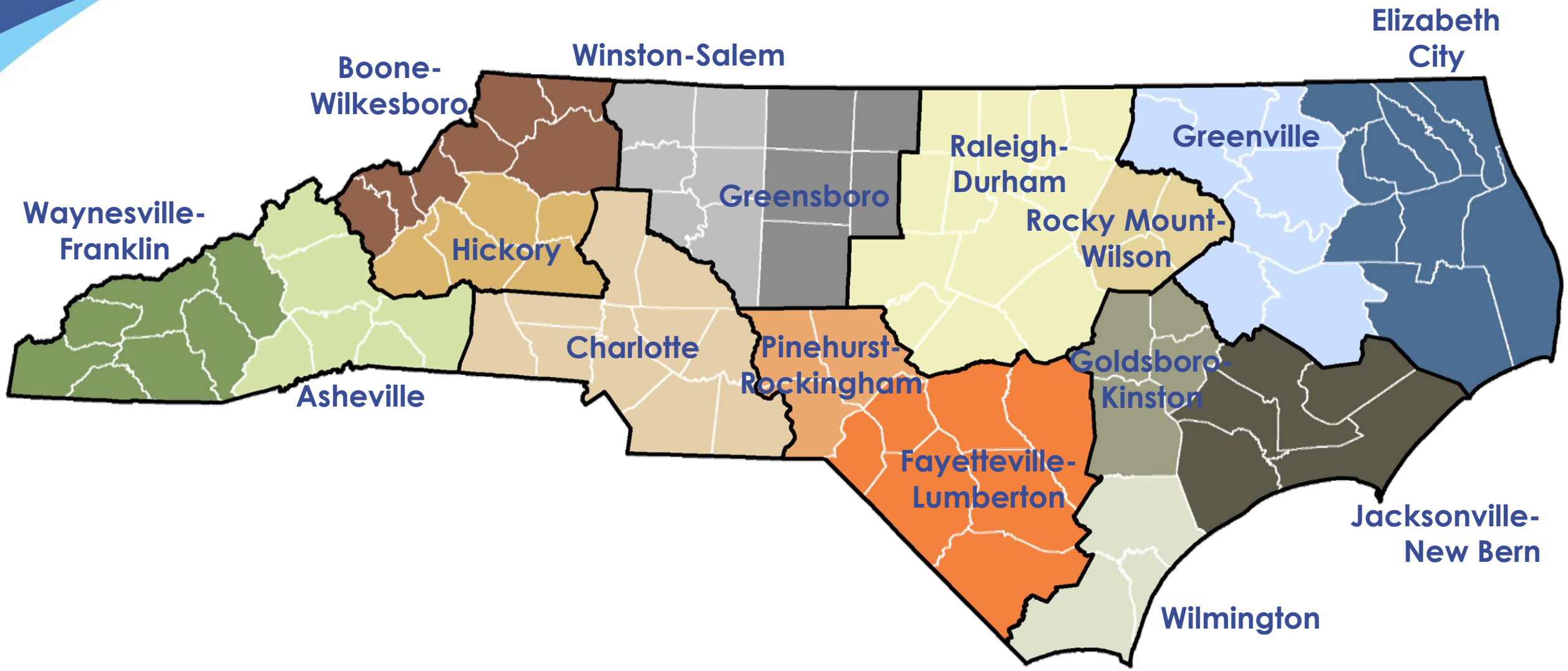
- Heart of the site
- Can print
- Can Save when logged-in
- Can share with unique URL
- Can change geography for most relevant info

Why is Geography important?

Understand what is going on in your area!

Economies are regional:

- Wages
- Demand
- Growth


Elizabeth City
Winston-Salem
Boone-Wilkesboro
Greenville
Raleigh-Durham
Waynesville-Franklin
Greensboro
Rocky Mount-Wilson
Hickory
Charlotte
Pinehurst-Rockingham
Goldsboro-Kinston
Asheville
Fayetteville-Lumberton
Jacksonville-New Bern
Wilmington

NCcareers.org DREAM IT PLAN IT BE IT

“Where do I go from here?”

Identify occupations that will advance you career

What Can I do with My Education?

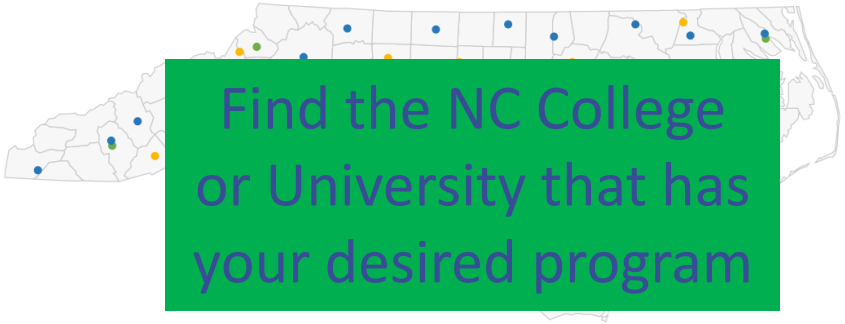
What occupations did your education prepare you for?

NC DREAM IT. PLAN IT. BE IT. careers.org

“How can I develop the knowledge and skills required for success?”

Find additional training opportunities

Program Locator



Find the NC College or University that has your desired program

THE UNIVERSITY OF NORTH CAROLINA SYSTEM

NC COMMUNITY COLLEGES
CREATING SUCCESS

NORTH CAROLINA INDEPENDENT COLLEGES & UNIVERSITIES

Find Private Training

Find the proprietary school that offers a certificate to prepare you

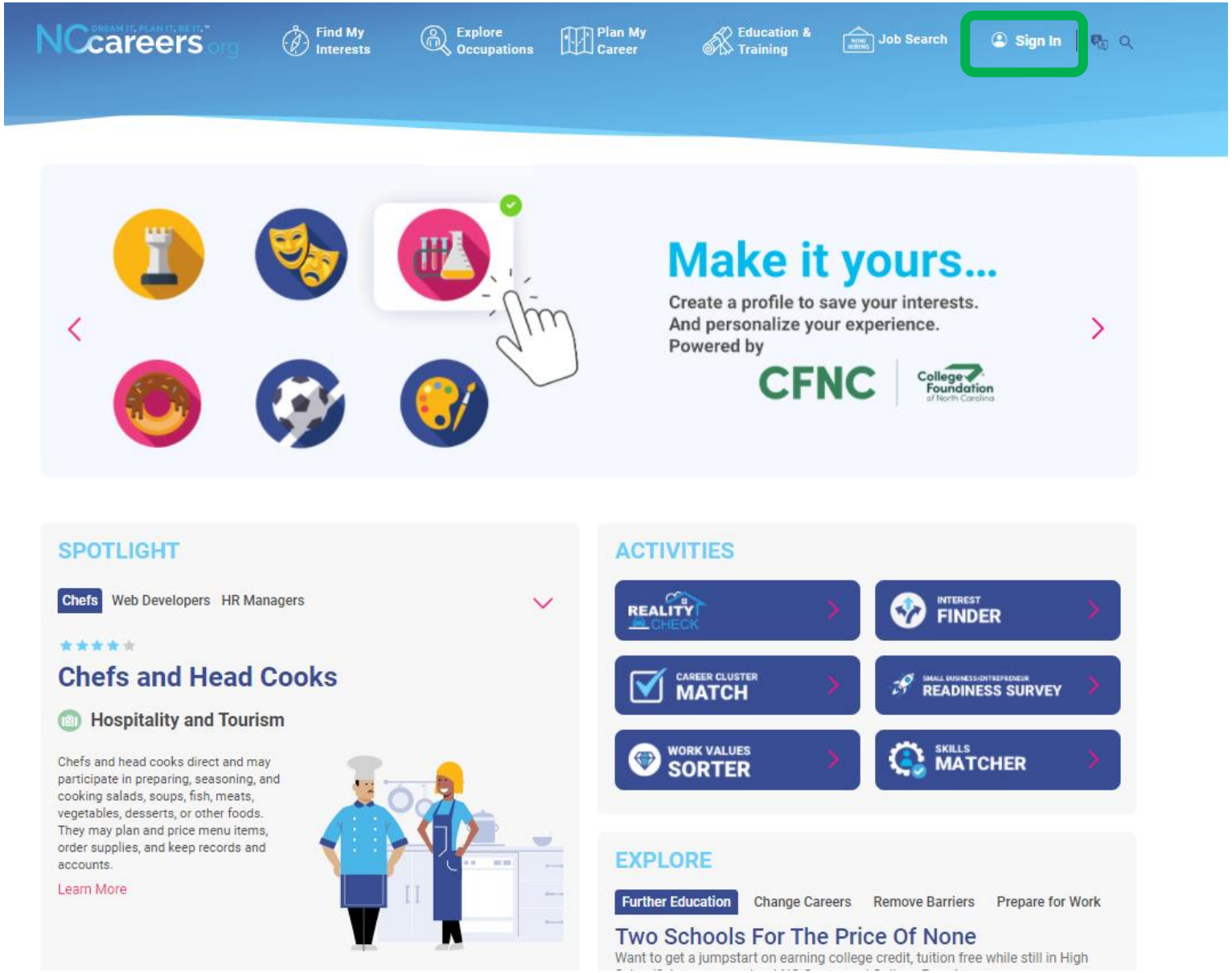
NCcareers.org DREAM IT PLAN IT BE IT

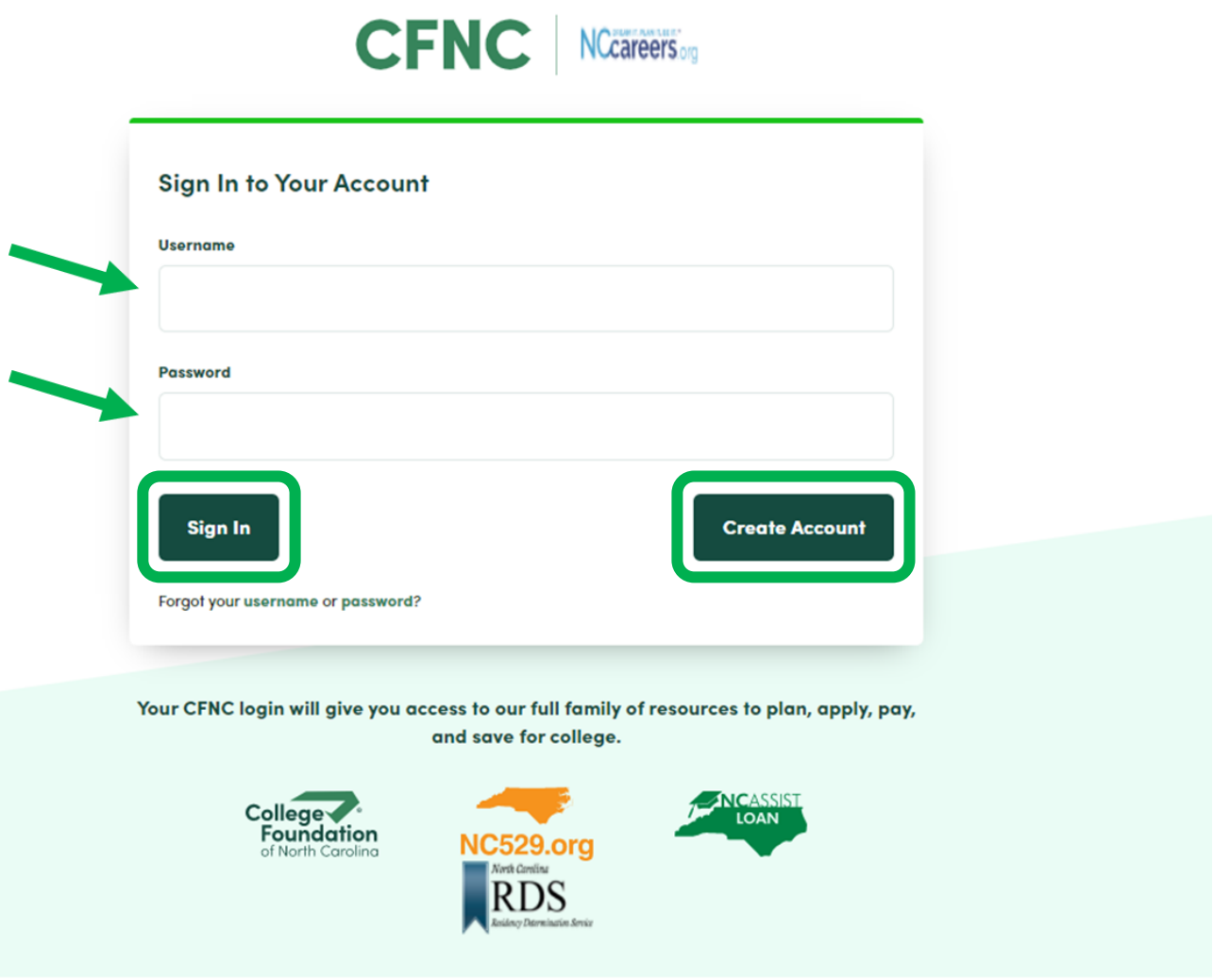
“I’m ready to find a job!”

Find current job listings in your area!

NC works

Account Creation





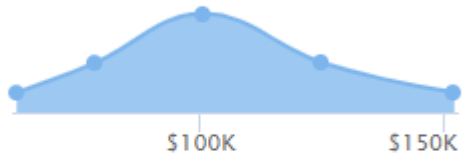
Account Creation

- Powered by CFNC
- Use current CFNC credentials
- Not required for access!
- Free for all users
- Save work!
  - Assessment Results
  - Favorite Occupations and more!

How can you answer your client’s questions with NCcareers?

How much does it pay?

Annual Salary (Wages)



Lower End Wage (10th Percentile)

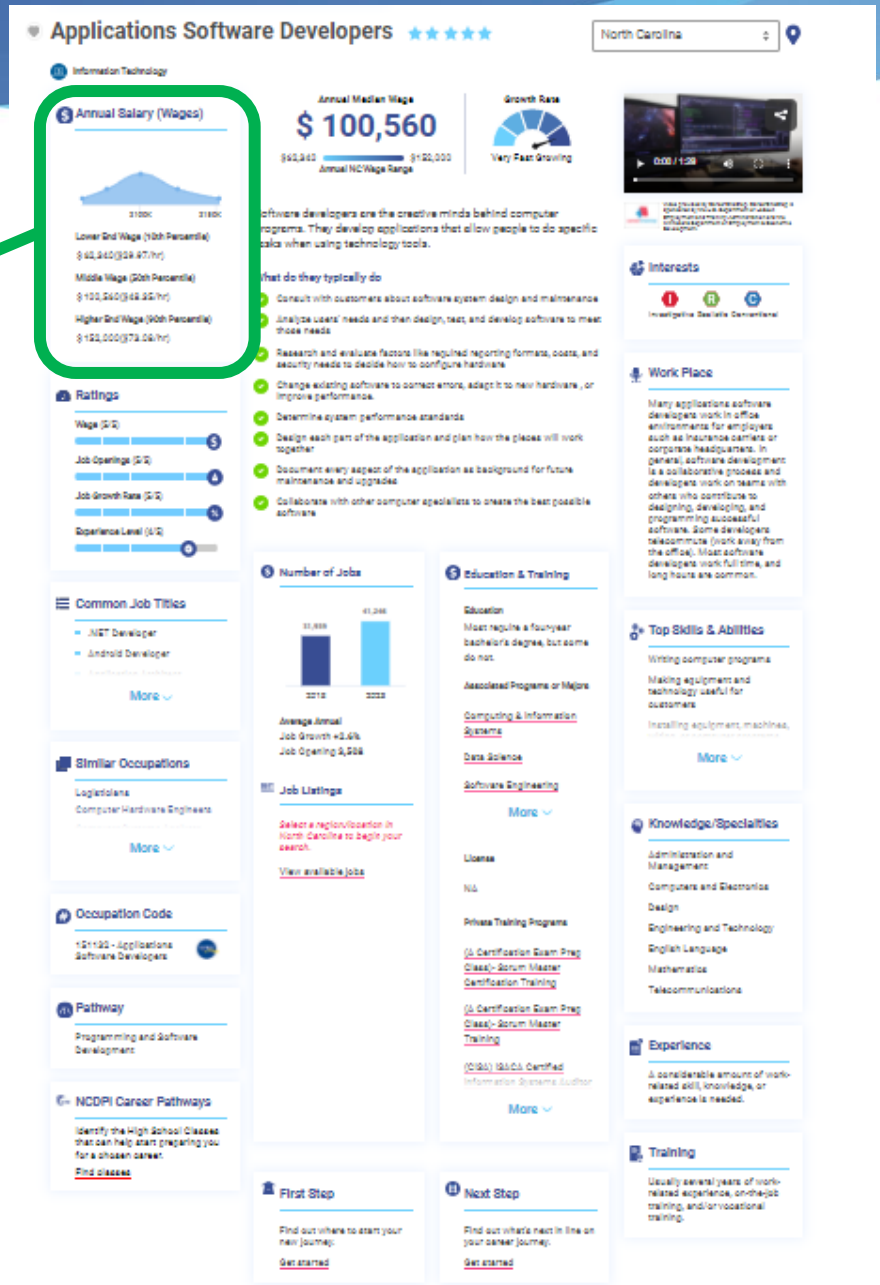
$62,340($29.97/hr)

Middle Wage (50th Percentile)

$100,560($48.35/hr)

Higher End Wage (90th Percentile)

$152,000($73.08/hr)



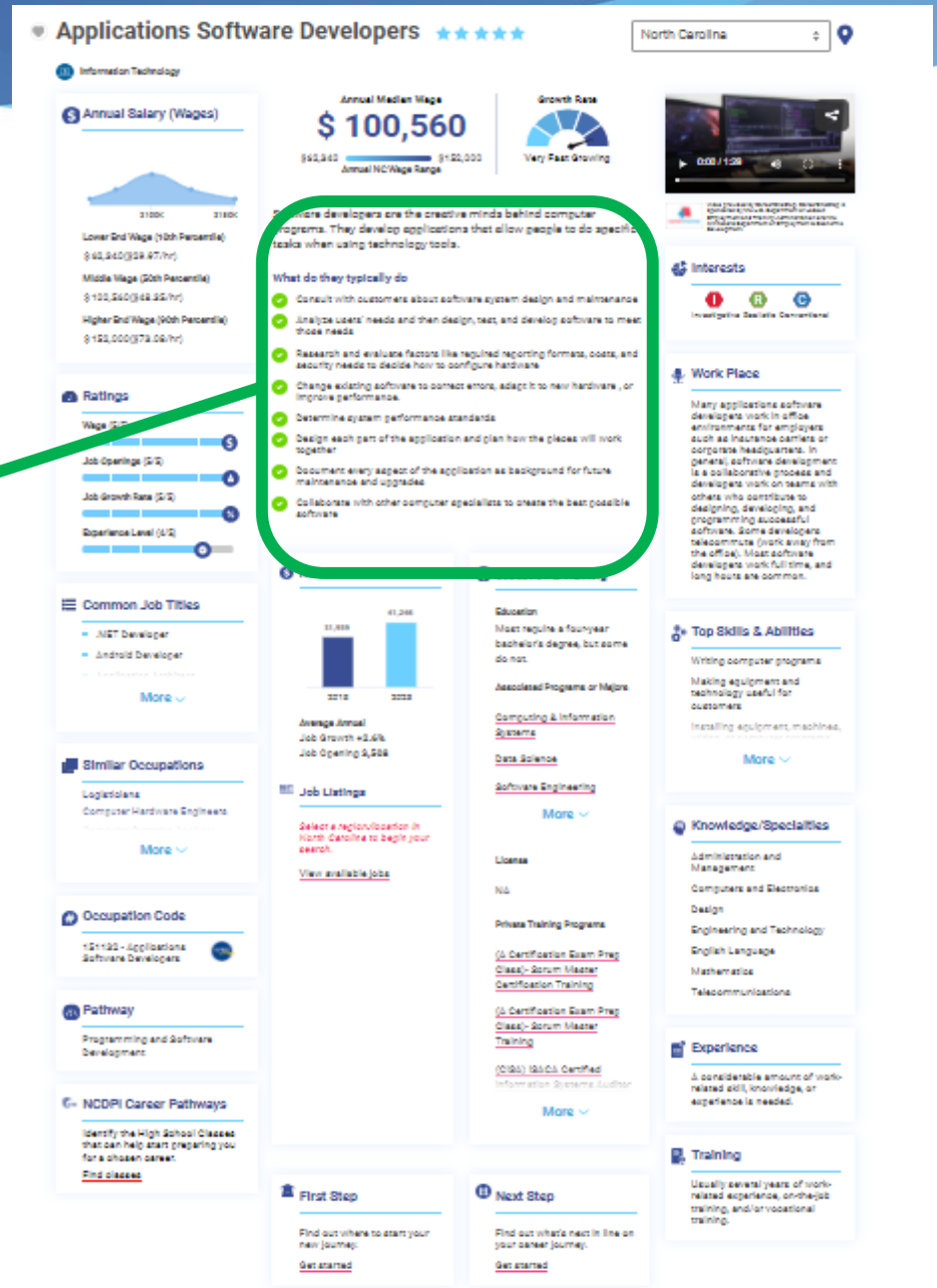
NCcareers.org DREAM IT PLAN IT BE IT

What does this occupation do?

Software developers are the creative minds behind computer programs. They develop applications that allow people to do specific tasks when using technology tools.

What do they typically do

- Consult with customers about software system design and maintenance
- Analyze users' needs and then design, test, and develop software to meet those needs
- Research and evaluate factors like required reporting formats, costs, and security needs to decide how to configure hardware
- Change existing software to correct errors, adapt it to new hardware , or improve performance.
- Determine system performance standards
- Design each part of the application and plan how the pieces will work together
- Document every aspect of the application as background for future maintenance and upgrades
- Collaborate with other computer specialists to create the best possible software



NCcareers.org DREAM IT. PLAN IT. BE IT.

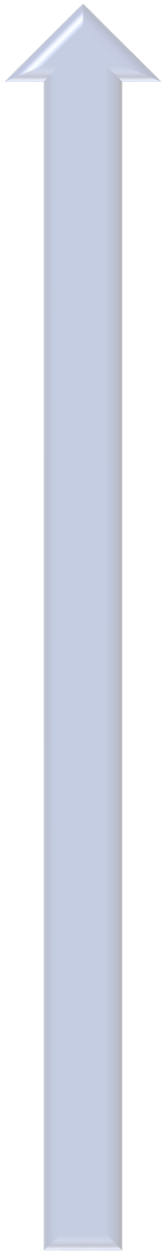
What do those stars mean?

NORTH CAROLINA
STAR JOBS

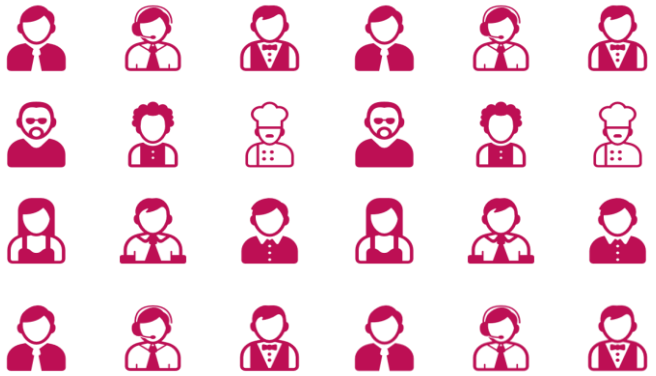
NC DREAM IT PLAN IT BE IT careers.org

Average Wage

Growth Rate



of Job Openings



NC DREAM IT. PLAN IT. BE IT. careers.org

Is this a good long-term prospect?

★★★★★

Ratings

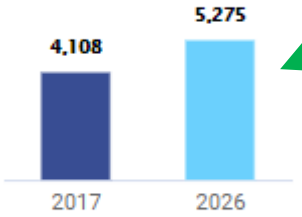
Wage (5/5)

Job Openings (4/5)

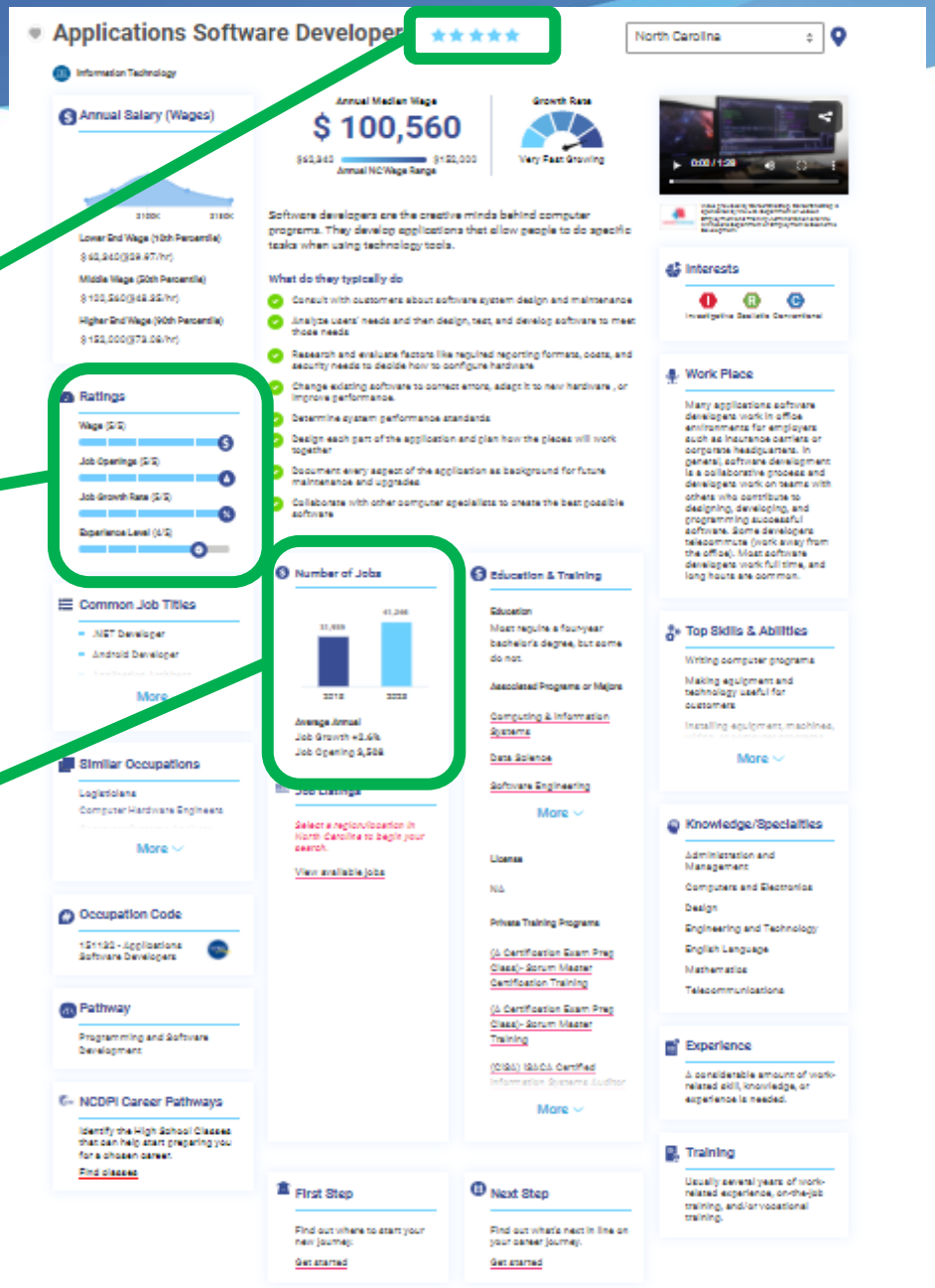
Job Growth Rate (5/5)

Experience Level (4/5)

Number of Jobs



Average Annual
Job Growth **+2.8%**
Job Opening **442**



NC DREAM IT. PLAN IT. BE IT. careers.org

What education do I need?

Where can I go for it?

Education & Training

Education

Most require a four-year bachelor's degree, but some do not.

Associated Programs or Majors

Cyber Crime Technology

Information Technology Project Management

Information Systems Security

More

License

NA

Private Training Programs

(A Certification Exam Prep Class)- Scrum Master Training

(CISA) ISACA Certified Information Systems Auditor

A+ Bootcamp, Certification, and Mentorship (CompTIA A+)

More

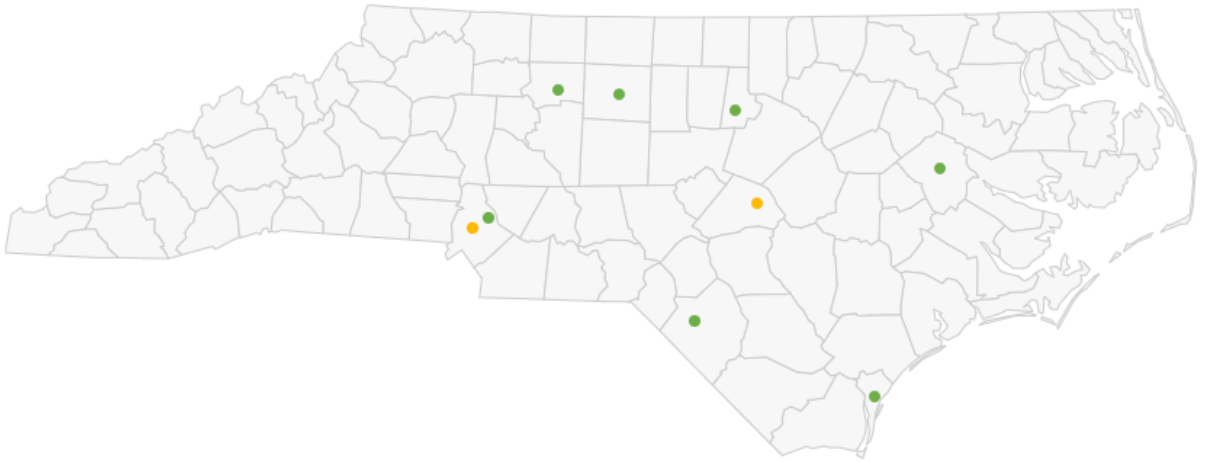
Where can I get that degree?

Type in a program name to see which institutions offer it. Select from Public Universities, Independent Colleges/Universities and the NC Community College System. Click on the institution's name or on the map for more information.

Information Technology - Bachelor's Degree

- Public Universities 16
- Independent Colleges/Universities 36
- NC Community College System 58

- Campbell University
- Johnson C Smith University
- NC A&T State University
- East Carolina University
- North Carolina Central University
- UNC - Charlotte
- UNC - Pembroke
- UNC - Wilmington
- Winston-Salem State University



Click on a College or University to view more information.

NC DREAM IT. PLAN IT. BE IT. careers.org

What education do I need?

Where can I go for it?

Education & Training

Education

Most require a four-year bachelor's degree, but some do not.

Associated Programs or Majors

Cyber Crime Technology

Information Technology Project Management

Information Systems Security

More

License

NA

Private Training Programs

(A Certification Exam Prep Class)- Scrum Master Training

(CISA) ISACA Certified Information Systems Auditor

A+ Bootcamp, Certification, and Mentorship (CompTIA A+)

More

NCcareers.org DREAM IT PLAN IT BE IT

How can I prepare to work in this occupation?

Top Skills & Abilities

- Writing computer programs
- Making equipment and technology useful for customers
- Installing equipment, machines, wiring, or computer programs
- Figuring out what a product or service needs to be able to do
- Figuring out what is causing equipment, machines, wiring, or computer programs to not work
- Measuring how well a system is working and how to improve it
- Figuring out how a system should work and how changes in the future will affect it
- Using scientific rules and strategies to solve problems
- Using math to solve problems
- Testing how well a product or service works

Knowledge/Specialties

- Administration and Management
- Computers and Electronics
- Design
- Engineering and Technology
- English Language
- Mathematics
- Telecommunications

NCcareers.org DREAM IT PLAN IT BE IT

Common Job Titles

- .NET Developer
- Android Developer
- Application Architect
- Application Developer
- Application Integration Engineer
- Application Integrator
- Applications Analyst
- Applications Developer
- Applications Engineer
- Applications Programmer
- Applications Quality Assurance Specialist
- Applications Software Engineering Information Technology Specialist (Applications Software Engineering IT Specialist)
- Applications System Analyst
- Architect
- Artificial Intelligence Specialist
- Automation Engineer
- Automation Tester
- Beta Tester
- Bioinformatics Specialist

How do I broaden my search?

Similar Occupations

- Logisticians
- Computer Hardware Engineers
- Computer Systems Analysts
- Systems Software Developers
- Computer Programmers

NC DREAM IT. PLAN IT. BE IT. careers.org

How can I grow my career?

First Step

Find out where to start your new journey.

Get started

Next Step

Find out what's next in line on your career journey.

Get started

Applications Software Developers

Star Rating: ★★★★★

SALARY	NC JOB PROJECTION		
$104,561 ($50.27/hr)	31,939	3,508	+2.6%
Median NC Wage	Total Jobs in 2017	Average Job Openings	Very Strong Growth

How to use Next Step

SALARY RANGE

- $ $0 - $34,999
- $$ $35,000 - $44,999
- $$$ $45,000 - $54,999
- $$$$ $55,000 - $74,999
- $$$$$ $75,000+

GROWTH RATE

- None or Negative Growth
- Slow Growth
- Average Growth
- Strong Growth
- Very Strong Growth

JOB OPENINGS

- 1 - 24
- 25 - 74
- 75 - 249
- 250 - 749
- 750+

NCcareers.org DREAM IT. PLAN IT. BE IT.

Compare Occupations

Occupation	Applications Software Developers Star Rating: ★★★★★	Systems Software Developers Star Rating: ★★★★★
Median Annual Wage	$104,561 ($50.27/hr)	$108,877 ($52.34/hr)
Education	Bachelor's degree	Bachelor's degree
Experience Needed	---	Same experience level
Knowledge Needed	---	Physics , Telecommunications , Clerical
Skill Needed	---	Writing , Reading Comprehension , Active Listening

Additional tools for you

Career Development Lesson Plans

- 66 Unique lesson plans and activities
- Developed by CDCs for all educators
- Download and edit for your needs
- Written for grade levels:
  - Late Elementary/Middle School
  - High School
  - Post Secondary

Career Development Lesson Plans

- Click on Educator Resources link in Footer

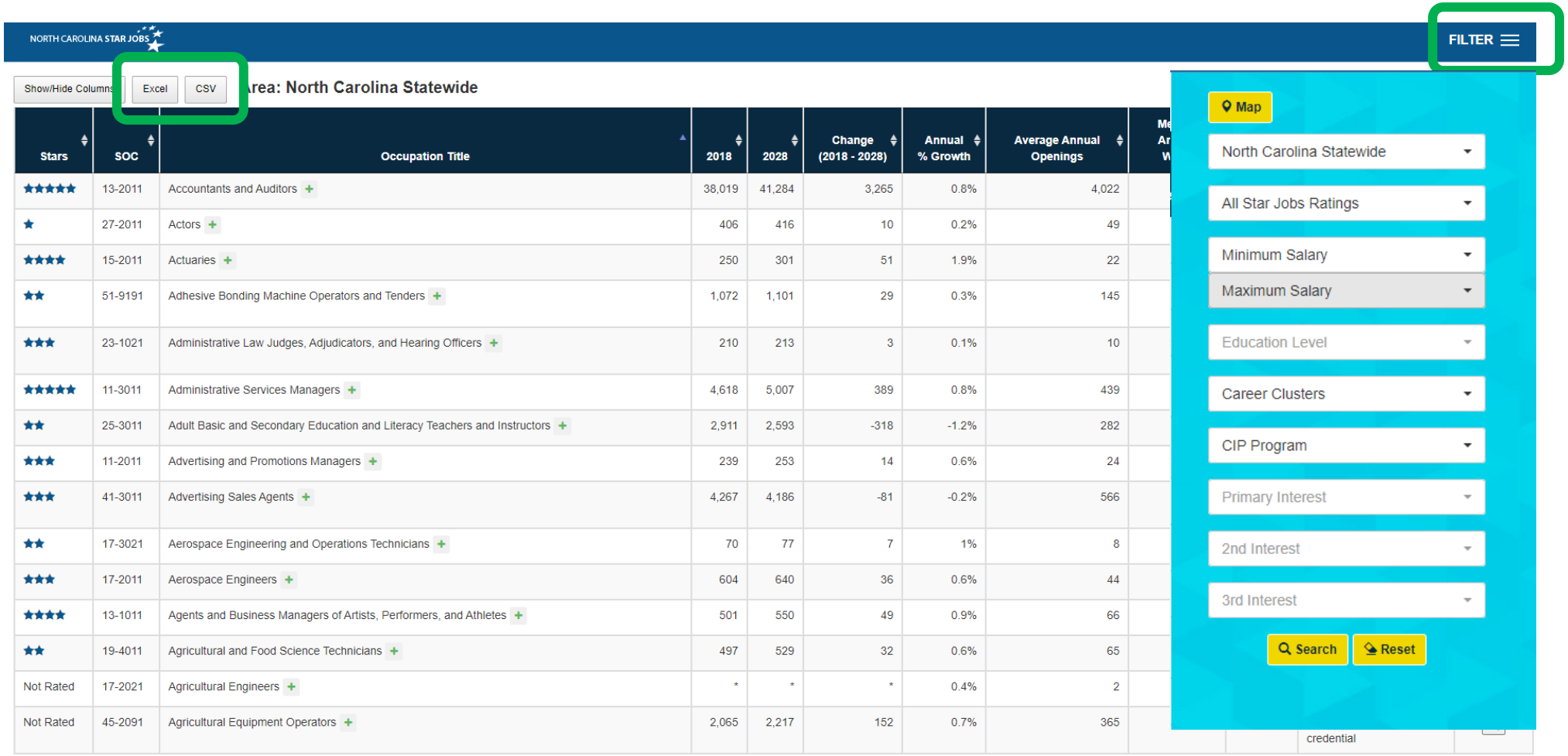
Why you should use NCcareers.org with Clients..

- All data in one place
  - North Carolina regional specific
  - Talking with one voice
- Ability to identify occupations based on assessment tools
- Alignment of education with occupational needs
- Ability for clients to save/access information later
  - Career Planning

Are there tools I can use to help drive big picture decisions?

NC Star Jobs Tool

Compare stats side by side for your region



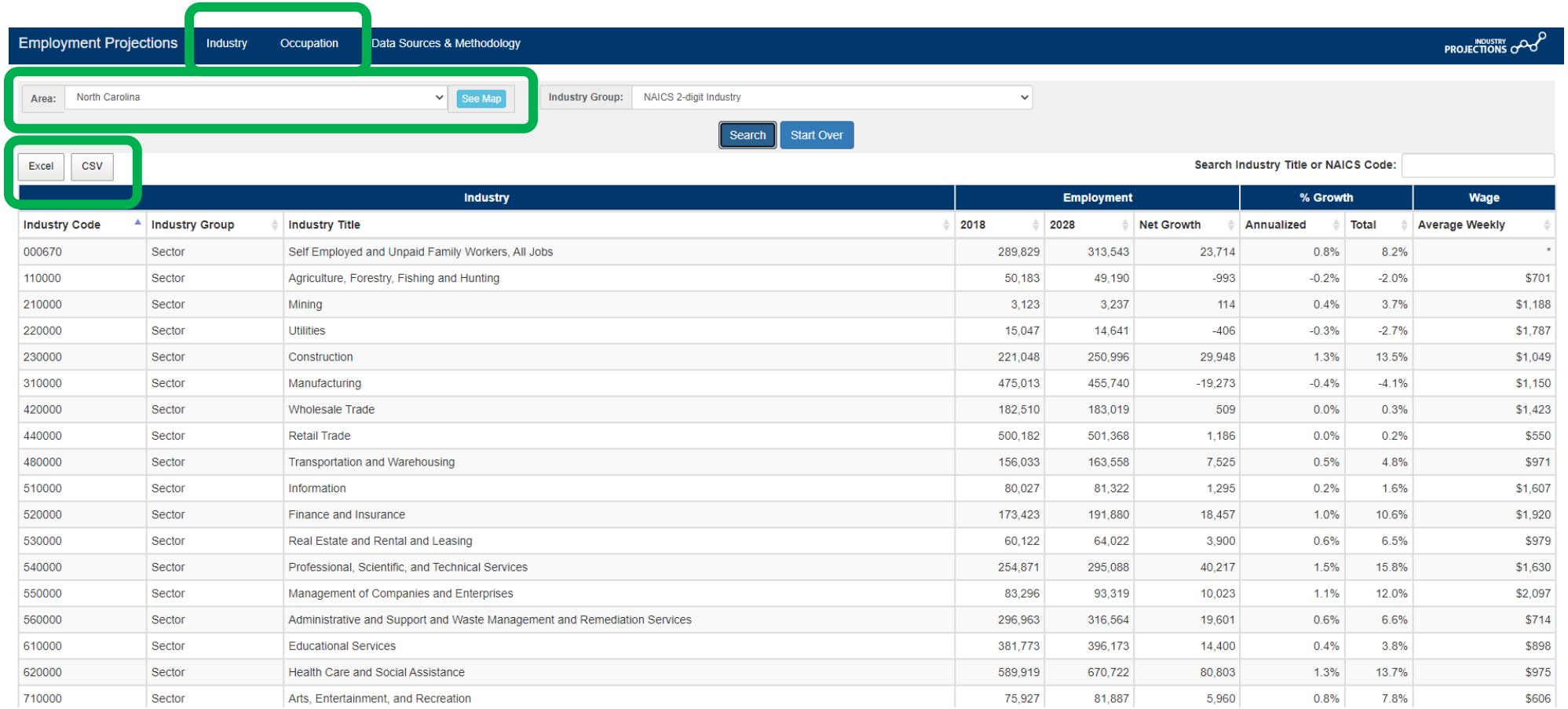
Stars	SOC	Occupation Title	2018	2028	Change (2018 - 2028)	Annual % Growth	Average Annual Openings
★★★★★	13-2011	Accountants and Auditors	38,019	41,284	3,265	0.8%	4,022
★	27-2011	Actors	406	416	10	0.2%	49
★★★★	15-2011	Actuaries	250	301	51	1.9%	22
★★	51-9191	Adhesive Bonding Machine Operators and Tenders	1,072	1,101	29	0.3%	145
★★★	23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	210	213	3	0.1%	10
★★★★★	11-3011	Administrative Services Managers	4,618	5,007	389	0.8%	439
★★	25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	2,911	2,593	-318	-1.2%	282
★★★	11-2011	Advertising and Promotions Managers	239	253	14	0.6%	24
★★★	41-3011	Advertising Sales Agents	4,267	4,186	-81	-0.2%	566
★★	17-3021	Aerospace Engineering and Operations Technicians	70	77	7	1%	8
★★★	17-2011	Aerospace Engineers	604	640	36	0.6%	44
★★★★	13-1011	Agents and Business Managers of Artists, Performers, and Athletes	501	550	49	0.9%	66
★★	19-4011	Agricultural and Food Science Technicians	497	529	32	0.6%	65
Not Rated	17-2021	Agricultural Engineers	*	*	*	0.4%	2
Not Rated	45-2091	Agricultural Equipment Operators	2,065	2,217	152	0.7%	365

credential

https://tools.nccareers.org/starjobs/

NC Employment Projections

Compare stats side by side for your region



Employment Projections | Industry | Occupation | Data Sources & Methodology

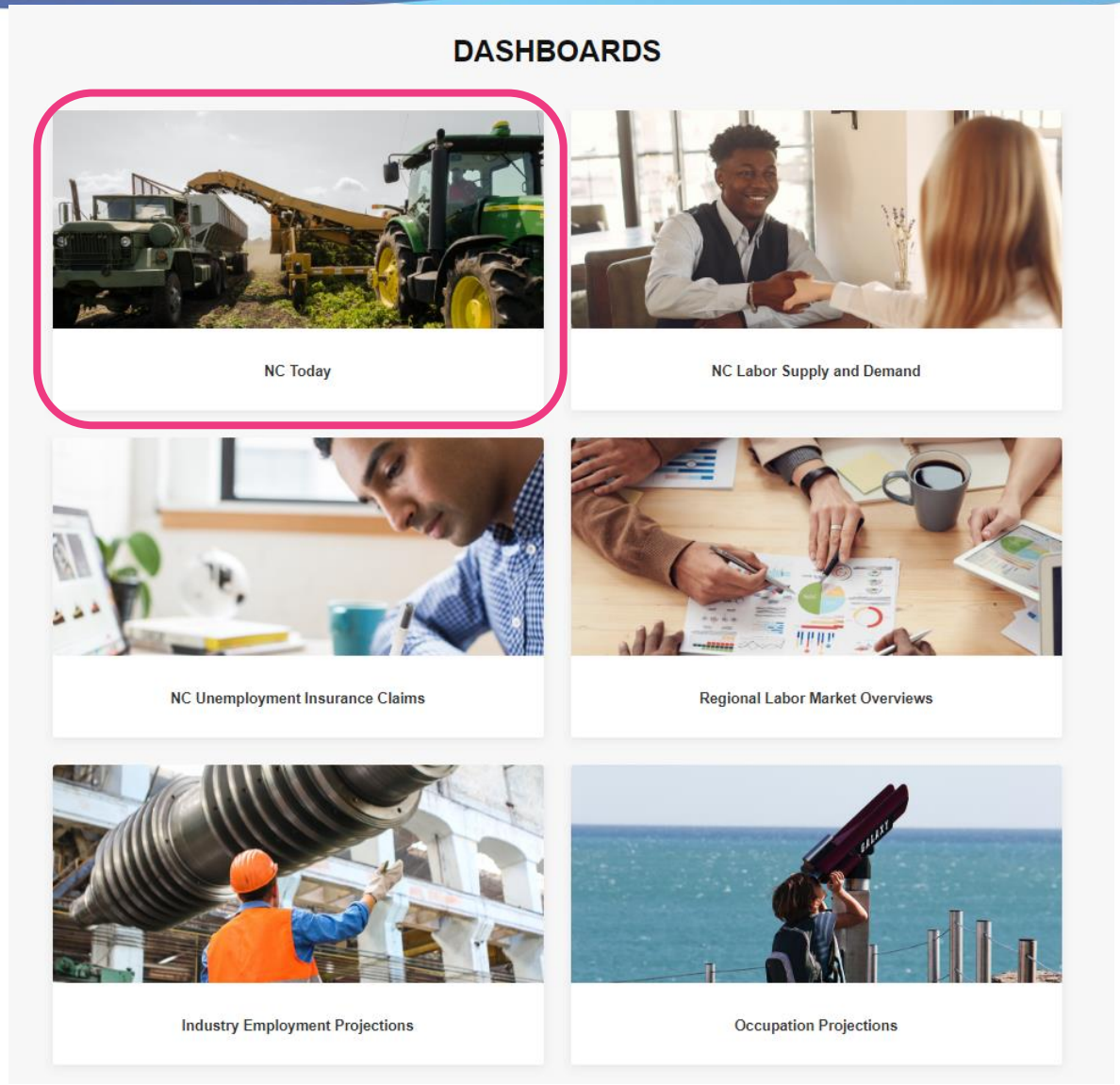
Area: North Carolina | See Map | Industry Group: NAICS 2-digit Industry | Search | Start Over

Excel | CSV | Search Industry Title or NAICS Code:

Industry			Employment			% Growth		Wage
Industry Code	Industry Group	Industry Title	2018	2028	Net Growth	Annualized	Total	Average Weekly
000670	Sector	Self Employed and Unpaid Family Workers, All Jobs	289,829	313,543	23,714	0.8%	8.2%	*
110000	Sector	Agriculture, Forestry, Fishing and Hunting	50,183	49,190	-993	-0.2%	-2.0%	$701
210000	Sector	Mining	3,123	3,237	114	0.4%	3.7%	$1,188
220000	Sector	Utilities	15,047	14,641	-406	-0.3%	-2.7%	$1,787
230000	Sector	Construction	221,048	250,996	29,948	1.3%	13.5%	$1,049
310000	Sector	Manufacturing	475,013	455,740	-19,273	-0.4%	-4.1%	$1,150
420000	Sector	Wholesale Trade	182,510	183,019	509	0.0%	0.3%	$1,423
440000	Sector	Retail Trade	500,182	501,368	1,186	0.0%	0.2%	$550
480000	Sector	Transportation and Warehousing	156,033	163,558	7,525	0.5%	4.8%	$971
510000	Sector	Information	80,027	81,322	1,295	0.2%	1.6%	$1,607
520000	Sector	Finance and Insurance	173,423	191,880	18,457	1.0%	10.6%	$1,920
530000	Sector	Real Estate and Rental and Leasing	60,122	64,022	3,900	0.6%	6.5%	$979
540000	Sector	Professional, Scientific, and Technical Services	254,871	295,088	40,217	1.5%	15.8%	$1,630
550000	Sector	Management of Companies and Enterprises	83,296	93,319	10,023	1.1%	12.0%	$2,097
560000	Sector	Administrative and Support and Waste Management and Remediation Services	296,963	316,564	19,601	0.6%	6.6%	$714
610000	Sector	Educational Services	381,773	396,173	14,400	0.4%	3.8%	$898
620000	Sector	Health Care and Social Assistance	589,919	670,722	80,803	1.3%	13.7%	$975
710000	Sector	Arts, Entertainment, and Recreation	75,927	81,887	5,960	0.8%	7.8%	$606

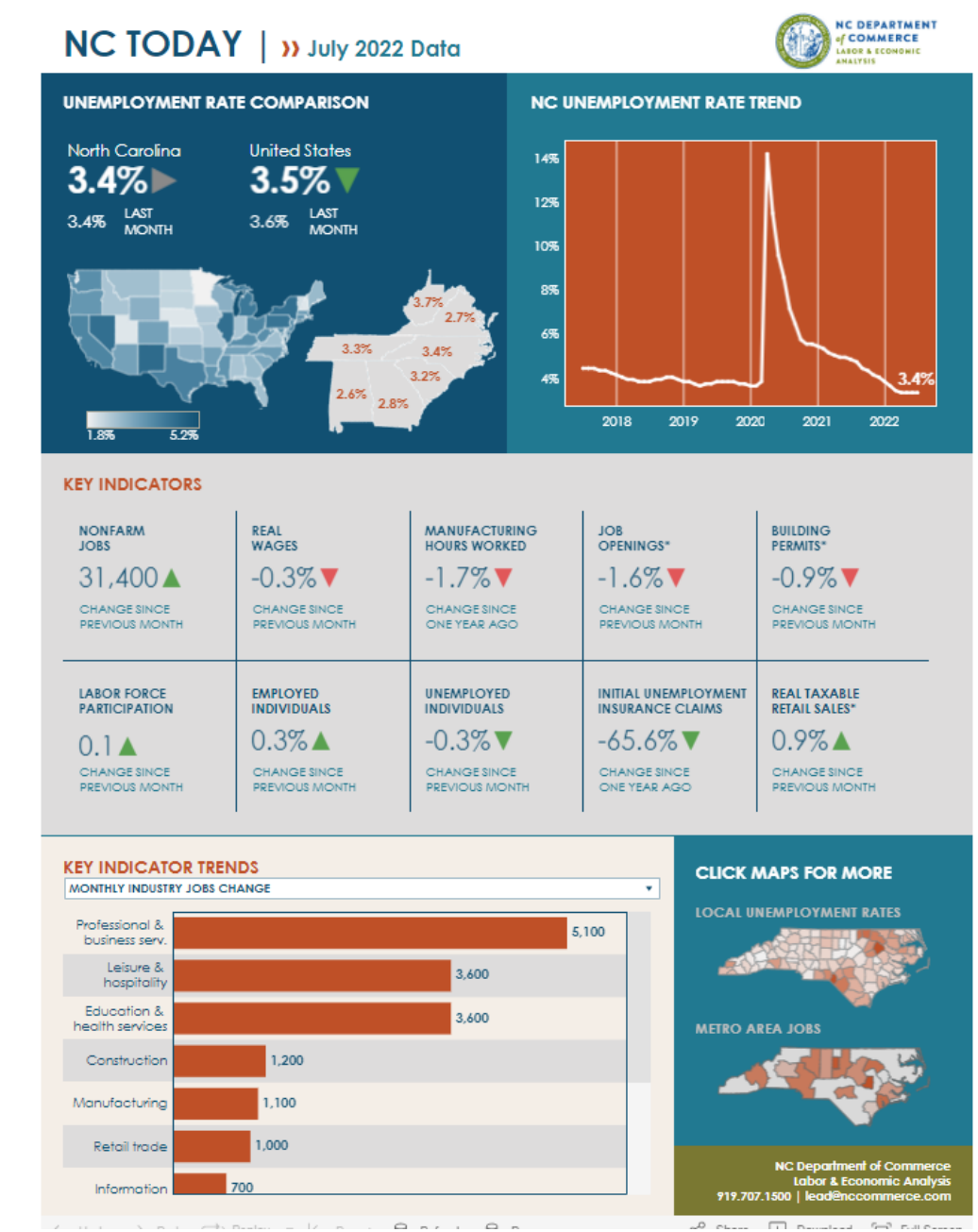
https://tools.nccareers.org/employmentprojections/industry_employment_projections.html

- Overview of the NC Economy

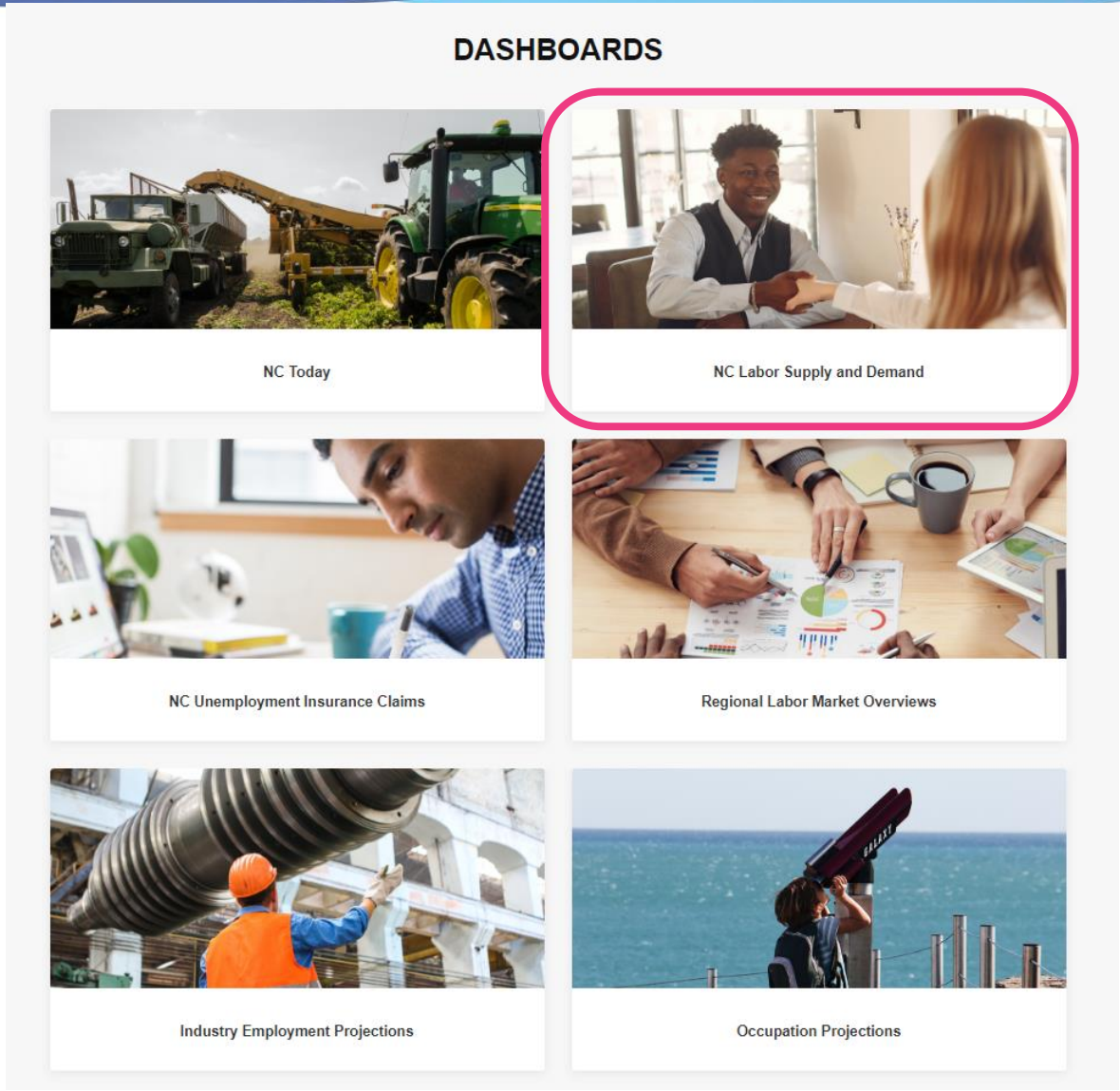


Analytics.NCCommerce.com

- Updated monthly
- NC Unemployment Rate & Trends
- Key Economic Indicators & Trends

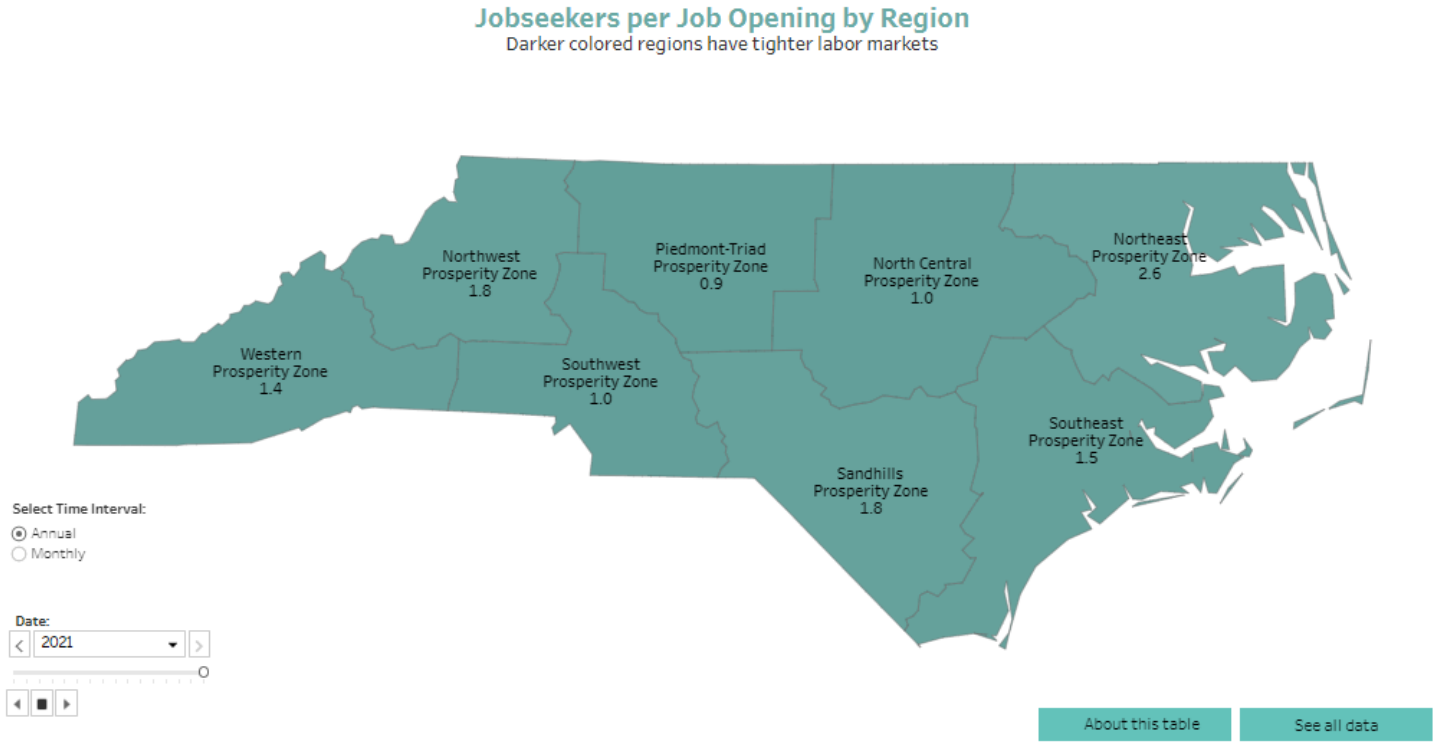


- Overview of the NC Economy
- Overview of the supply vs demand for labor

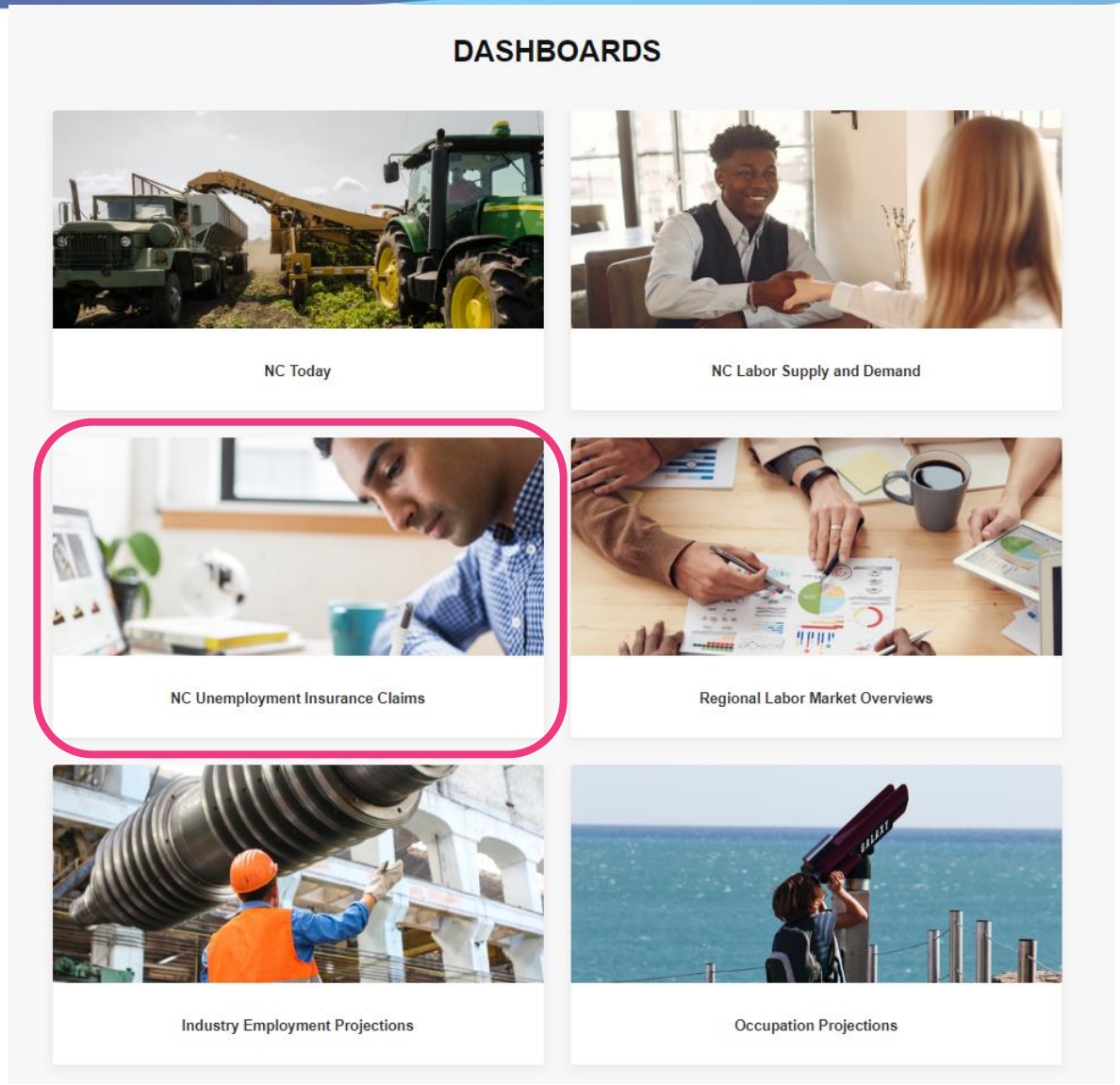


Analytics.NCCommerce.com

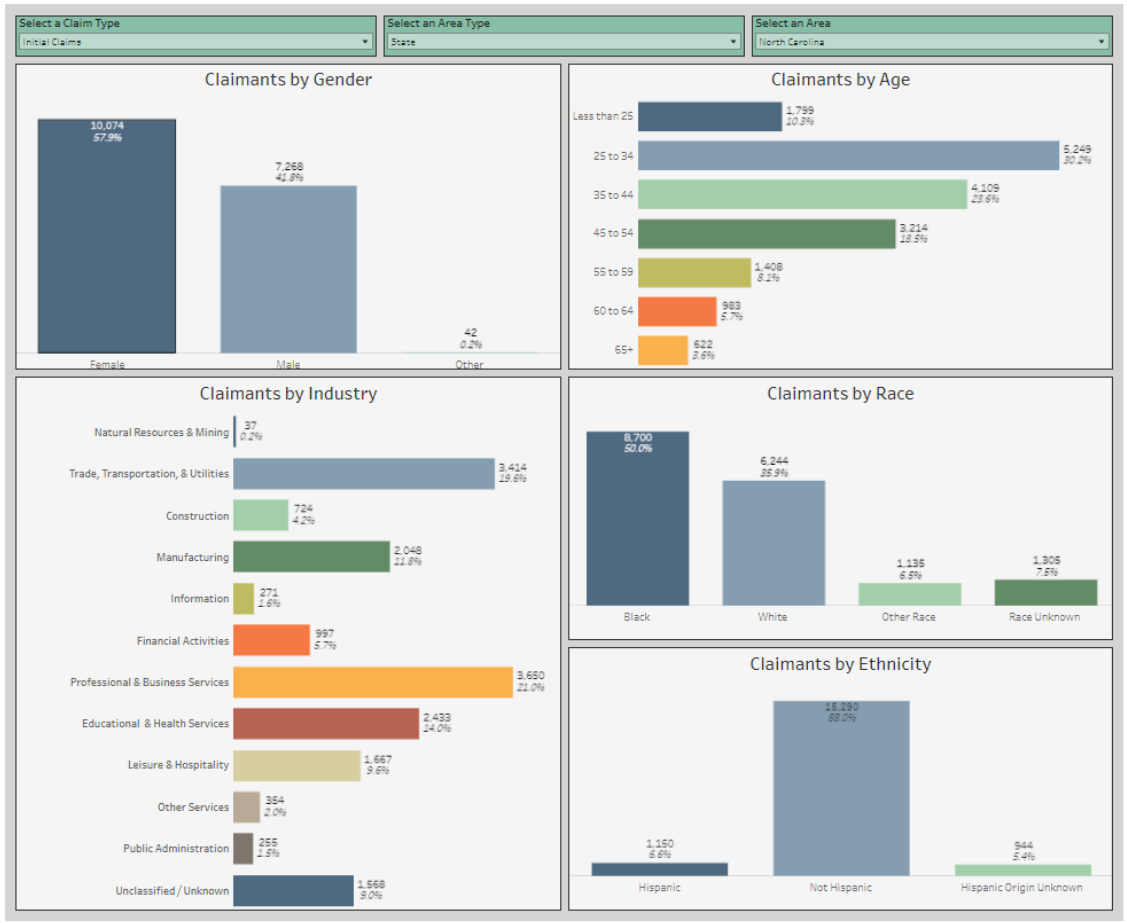
- Updated Monthly
- # of Job seekers by number of job openings
  - Understand Labor Tightness
- Regional
- Occupations
- By Career Cluster

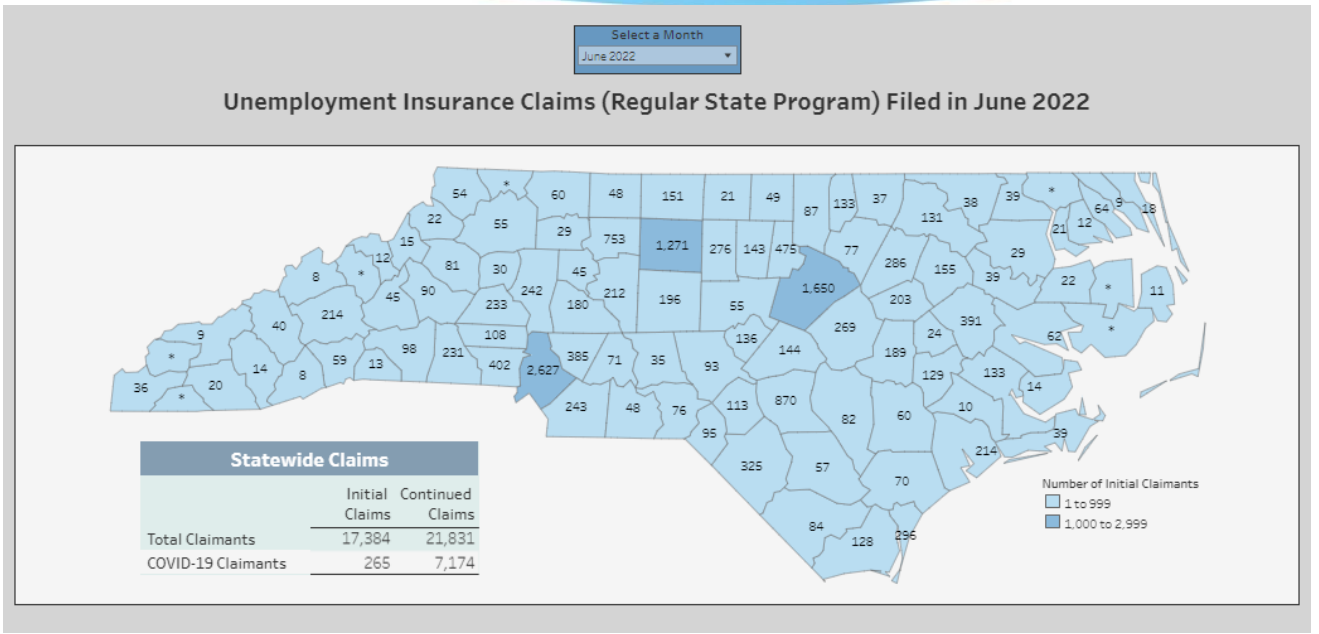


- Overview of the NC Economy
- Overview of the supply vs demand for labor
- Monthly Unemployment Insurance (UI) Claims Data



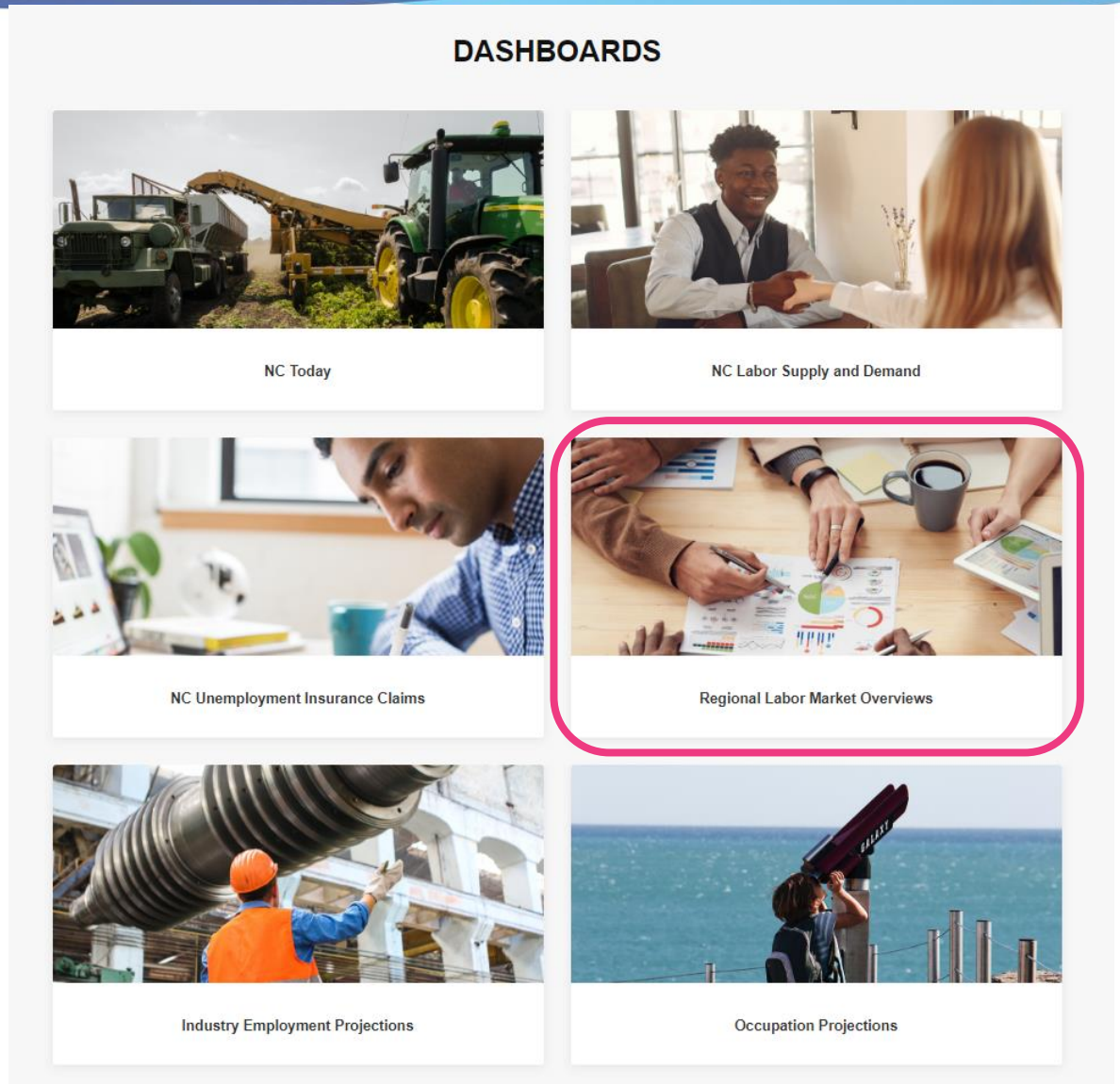
Analytics.NCCommerce.com





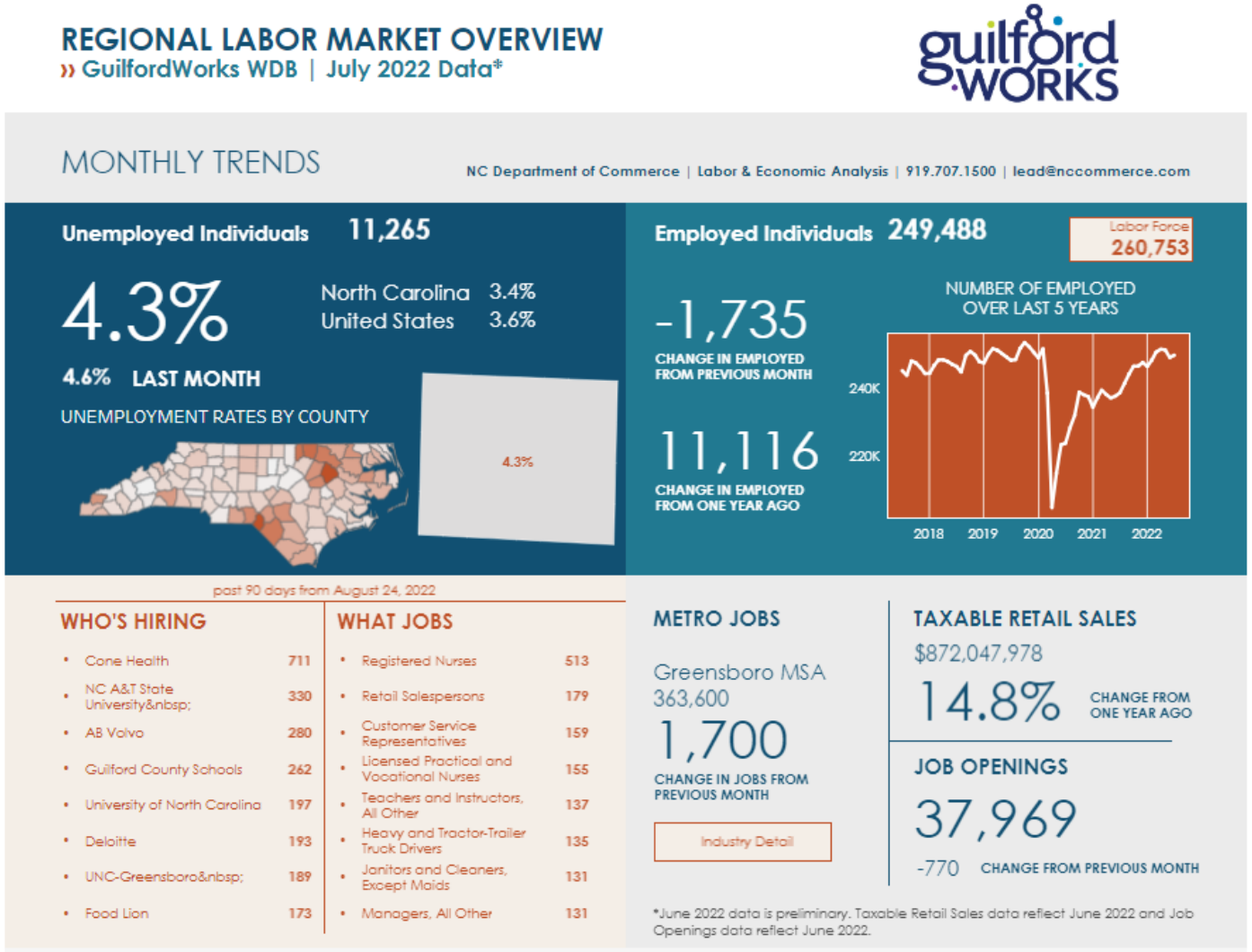
- Updated monthly
- # of UI Claims
  - Initial
  - Continued
- Statewide, WDB or County
- Demographic info

- Overview of the NC Economy
- Overview of the supply vs demand for labor
- Monthly Unemployment Insurance (UI) Claims Data
- Monthly Regional (WDB) Labor Market Overviews

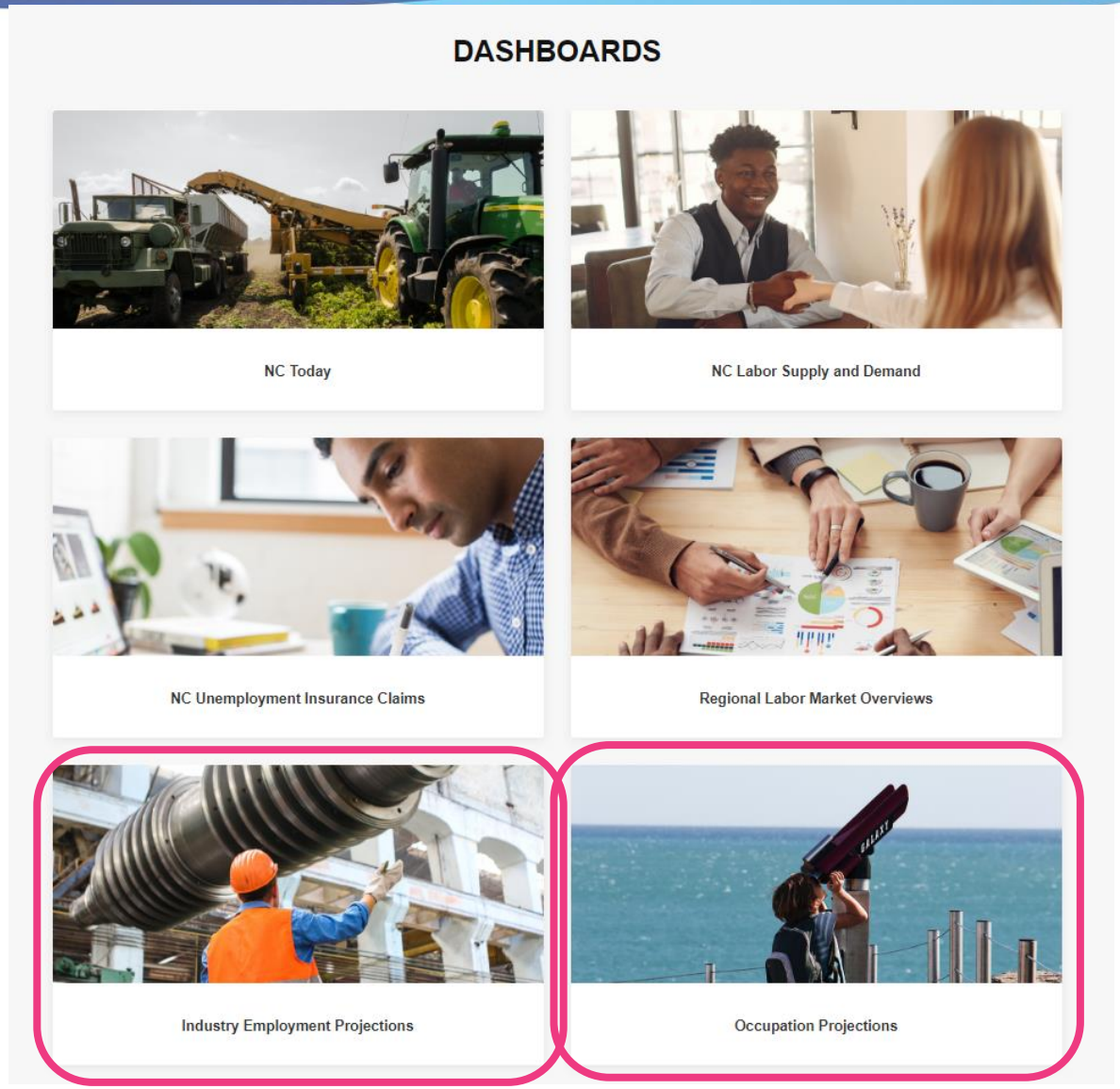


Analytics.NCCommerce.com

- WDB Level Economic Overview
- Updated monthly
  - Unemployment Rate
  - Retail Sales
  - # of jobs
  - Job openings
  - Who's hiring
  - What Jobs



- Overview of the NC Economy
- Overview of the supply vs demand for labor
- Monthly Unemployment Insurance (UI) Claims Data
- Monthly Regional (WDB) Labor Market Overviews
- Visualizations of Industry and Occupations Projections



Analytics.NCCommerce.com

How can I learn more?

LMI Tuesdays

- 1st & 3rd Tuesday of each month
- Hosted by LEAD Analysts
- 20+ minute discussion LMI related topic
- Time set aside for Q&A
- Starts at 11:30 on MS Teams
- Preregistration is not required

1st Tuesday

https://Bit.ly.2QhL83S

3rd Tuesday

https://Bit.ly.2QhL83S

Contact us

@CareersInNC
@LEADNC

Facebook.com/NCcareers.org

NCcareers@commerce.nc.gov

DREAM IT. PLAN IT. BE IT.

NCcareers.org